

Ms. Rayaprolu is the registered practitioner. Mr. Shapiro is the technical specialist accompanying Ms. Rayaprolu. Mr. Kumar is the Supervisory Patent Examiner for Examiner Fitzpatrick. Mr. Shapiro questioned whether the proposed amendments to claim 1 would overcome the cited prior art. The proposed amendment to claim 1 follows, and the amended language is underlined:

“(Currently Amended) A method for evaluating a computer learning signal processing engine, comprising:

- identifying a first group of signal sets, each signal set of the first group having an associated range of values for a variable corresponding to the first group, the variable being one of a plurality of variables having values characterizing multiple signals to be processed;

- calculating an accuracy score for each signal set of the first group using the signal processing engine to be evaluated;

- applying weight factors to the accuracy scores for the first group signal sets, each weight factor representing a relative importance of one of the associated ranges of values for the first variable;

- summing weighted accuracy scores for the first group of signal sets to yield a first summed accuracy score;

- identifying additional groups of signal sets, each group having a corresponding variable of the plurality of variables, each signal set of a group having an associated range of values for the corresponding variable;

- calculating accuracy scores for each signal set of each additional group using the signal processing engine to be evaluated;

- applying weight factors to the accuracy scores for the signal sets of the additional groups; summing the weighted accuracy scores within each of the additional groups to yield additional summed accuracy scores; and further combining the summed accuracy scores, with each individual summed accuracy score weighted according to expected frequency or likelihood of

Art Unit: 4192

one or more features associated with a new group of signal sets to be evaluated using the signal processing engine.”

The office explained that the language as proposed was still taught by the cited primary reference USPN 5768478 (Batten), since Batten teaches low-pass filtering and decimation and teaches the updating of weights via feedback from a new group of signal sets in Fig. 12A. Mr. Shapiro explained that on column 1 - line 60, Batten states that the parameters must be chosen for each particular application. However, it should be noted that this statement is made in reference to the field and background of the invention. Mr. Shapiro inquired about adding the language “multiple applications” to the claim 1 and whether this would overcome the cited prior art. The office mentioned that the way this phrasing was discussed during the interview appeared to overcome to primary reference, but that further assessment of the primary reference and the supplemental references would be necessary after the receipt of the refined proposed amendment for claim 1.